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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/022,636	12/17/2001	Virgil A.G. Williams	IFF-26	1190

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INTERNATIONAL FLAVORS & FRAGRANCES INC.
521 WEST 57TH ST
NEW YORK, NY 10019

EXAMINER

TOOMER, CEPHIA D

ART UNIT	PAPER NUMBER
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1714

DATE MAILED: 08/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/022,636

Applicant(s)

WILLIAMS ET AL

Examiner

Cephia D. Toomer

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1714

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,4-6 and 13-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,5,6,13 and 14 is/are rejected.
- 7) ☒ Claim(s) 4 and 15 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

This Office action is in response to the amendment filed April 20, 2005 in which claims 1, 13 and 14 were amended and claims 2, 3, 7-12 and 16 were canceled.

The rejection of the claims under 35 USC 112, second paragraph is withdrawn in view of the amendment to the claims.

In claim 13, line 1, "process" should read – A process--.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 3, 5, 6, 11-12, 14 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Orth (US 6, 503,077) in view of Hussain (US 4,552,693).

Orth teaches a tertiary amide-terminated dimer acid based polyamide that is used in preparing candles substantially as set forth in the claims (see abstract). The polyamide is combined with a solvent to form a gel (see abstract). The solvent may be a fatty acid such as isopropyl myristate or triglycerides such as soya (see col. 14, lines 33-58; col. 15, lines 3-22). Orth teaches that the gels of his invention are stable and do not display syneresis (see col. 17, lines 28-29). Orth teaches compositions in Examples

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8 and 14 wherein polyamide and vegetable oil is used to prepare the gel. These proportions encompass applicant.

Orth teaches conventional candle additives may be present in the candle composition and these additives include fragrances, colorant or dyes or pigments, insect repellent, antioxidant, etc (see col. 18, lines 48-53; col. 19, lines 64-67). Orth teaches that the candle is prepared as recited in instant claim 14 and teaches that the coating of instant claim 16 may be applied to the candle (see col. 16, lines 39-54). The candle contains a wick (see col. 18, lines 66-67; col. 18, lines 23-54; col. 24, line 48 through col. 25, lines 1-20). Orth meets the limitations of the claims other than the differences that are discussed below.

Orth differs from the claims in the he does not specifically teach the presence of a surfactant (claim 1). However, Hussain teaches this difference.

Hussain teaches a polyamide-based candle comprising a plasticizer comprising nonyl phenol ethoxylate (diethylene glycol monononyl phenyl ether). See col. 2, lines 29-37).

It would have been obvious to one of ordinary skill in the art to prepare a candle composition comprising the surfactant nonyl phenol ethoxylate because Hussain teaches that this compound assists in making the candle composition clear or transparent (see col. 2, lines 37-38).

Orth does not specifically teach a candle composition wherein all of the claimed components are present. However, it would have been obvious to one of ordinary skill in the art to have arrived at the claimed candle composition given that Orth teaches that all


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claimed components may be included in a candle composition. The purposes for the various additives described in Orth are more than adequate to suggest their common usage in candle compositions. Such is sufficient to established a prima case of obviousness. In re Dillion, 16 USPQ 1897 (Fed Cir 1990).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cephia D. Toomer whose telephone number is 571-272-1126. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on 571-272-1119. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Cephia D. Toomer
Primary Examiner
Art Unit 1714

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